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- Hormone replacement therapy for bone protection in multiparous women: when to initiate it (Cure-Cure and Cure-Ramirez). 2001;184:580-3
- Postpartum sexual functioning and its relationship to perineal trauma: a retrospective cohort study of primiparous women (Signorello et al). 2001;184:881-90
- Spontaneous preterm labor and cervical length (Mohammed) (Letter); (Hassan et al) (Reply). 2001;184:1045-6

**Parturition; see Labor****Patient compliance**

- We, specialists in vulvovaginitis (Donders) (Letter); (Wiesenfeld and Macio) (Reply). 2001;184:248-9

**Patient satisfaction**

- Bowel stimulation after hysterectomy (Hall) (Letter); (Fanning) (Reply). 2001;184:517-8

**Patients**

- Variation in elective primary cesarean delivery by patient and hospital factors (Gregory et al). 2001;184:1521-34

**Pelvic inflammatory disease; see Adnexitis****Pelvic organ prolapse; see Uterine prolapse****Pelvis**

- Analysis of surgical complications and patient outcomes in a residency training program (Coates et al). 2001;184:1380-5
- Chronic pelvic pain in the community—symptoms, investigations, and diagnoses (Zondervan et al). 2001;184:1149-55
- The demographics of pelvic floor disorders: current observations and future projections (Luber et al). 2001;184:1496-1503
- Rectal prolapse in women with other defects of pelvic floor support (Peters et al). 2001;184:1488-95
- Visibility of pelvic organ support system structures in magnetic resonance images without an endovaginal coil (Tunn et al). 2001;184:1156-63

**Pelvis, surgery**

- Analysis of surgical complications and patient outcomes in a residency training program (Coates et al). 2001;184:1380-5

**Penile erection**

- Sildenafil citrate and sperm function (Siegel) (Letter); (Dubin and Andrade) (Reply). 2001;184:777-8

**Pentoxifylline**

- A comparison of heat-induced hyperactivation in patients' sperm

- after colloid or pentoxifylline wash methods (Miller et al). 2001; 184:1057-9 (Residents' papers)

**Peptides**

- Effect of parathyroid hormone—related peptide on human and rat myometrial contractility in vitro (Slattery et al). 2001;184:625-9

**Perfusion**

- The effect of vascular coiling on venous perfusion during experimental umbilical cord encirclement (Georgiou et al). 2001;184:673-8
- Ultrasonographic investigations of flow patterns in the perfused human placenta (Abramowicz and Miller) (Letter); (Denbow et al) (Reply). 2001;184:518-9

**Perinatal death; see Infant mortality****Perineum**

- Postpartum sexual functioning and its relationship to perineal trauma: a retrospective cohort study of primiparous women (Signorello et al). 2001;184:881-90

**Peritoneal fluid; see Ascitic fluid****Peritoneum**

- Peritoneal endometriosis detection (Malik et al) (Letter); (Hillemanns et al) (Reply). 2001;184:1046-7

**pH; see Hydrogen-ion concentration****Pharmacokinetics**

- The pharmacokinetics and efficacy of different estrogens are not equivalent (Ansbacher). 2001;184:255-63 (Clin. opinion)

**Phentolamine**

- Sildenafil citrate and sperm function (Siegel) (Letter); (Dubin and Andrade) (Reply). 2001;184:777-8

**Photochemotherapy**

- Fluorescence detection of cervical intraepithelial neoplasia for photodynamic therapy with the topical agents 5-aminolevulinic acid and benzoporphyrin-derivative monoacid ring (Keefe et al). 2001;184:1164-9

**Physical examination**

- Detection of child sexual abuse (Topley et al) (Letter); (Berenson and Chacko) (Reply). 2001;184:1043-5

**Physician-patient relations**

- It was the best of times, it was the worst of times: medicine in the 1990s (Morrison). 2001;184:1313 (Pres. address)
- The moral foundation of medical leadership: the professional virtues of the physician as fiduciary of the patient (Chervenak and McCullough). 2001;184:875-80

**Physicians, family**

- Screening for substance use in pregnancy: a practical approach for the primary care physician (Chasnoff et al). 2001;184:752-8 (Office practice)

**Pituitary neoplasms**

- Identification of a silent pituitary somatotrophic adenoma based on a paradoxical response of growth hormone on a thyrotropin-releasing hormone or gonadotropin-releasing hormone provocation test (Matsuno et al). 2001;184:286-8

**Placenta**

- Conditioned medium from hypoxic cytotrophoblasts alters arterial function (Gratton et al). 2001;184:984-90
- Evaluation of respiratory gases and acid-base gradients in human fetal fluids and uteroplacental tissue between 7 and 16 weeks' gestation (Jauniaux et al). 2001;184:998-1003
- Increased placental apoptosis in pregnancies complicated by preeclampsia (Leung et al). 2001;184:1249-50
- Low maternal serum levels of placenta growth factor as an antecedent of clinical preeclampsia (Tidwell et al). 2001;184:1267-72
- Placenta growth factor is not an early marker for the development of severe preeclampsia (Livingston et al). 2001;184:1218-20
- Placental glucose transport in gestational diabetes mellitus (Jansson et al). 2001;184:111-6
- Ultrasonographic investigations of flow patterns in the perfused

- human placenta (Abramowicz and Miller) (Letter); (Denbow et al) (Reply). 2001;184:518-9
- Placental insufficiency**  
Regional changes in kynurenic acid, quinolinic acid, and glial fibrillary acidic protein concentrations in the fetal sheep brain after experimentally induced placental insufficiency (Nicholls et al). 2001;184:203-8
- Plasma**  
Elevation of both maternal and fetal extracellular circulating deoxyribonucleic acid concentrations in the plasma of pregnant women with preeclampsia (Zhong et al). 2001;184:414-9  
Lack of association of severe preeclampsia with maternal and fetal mutant alleles for tumor necrosis factor  $\alpha$  and lymphotoxin  $\alpha$  genes and plasma tumor necrosis factor  $\alpha$  levels (Livingston et al). 2001;184:1273-7  
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The preliminary characterization of a vasoactive circulating factor(s) in preeclampsia (Hayman et al). 2001;184:1196-203
- Plasminogen activator inhibitor 1**  
Regulation of plasminogen activator inhibitor 1 expression by interaction of epidermal growth factor with progesterin during decidualization of human endometrial stromal cells (Lockwood). 2001;184:798-805
- Platelet-activating factor**  
Platelet-activating factor improves intrauterine insemination outcome (Wild and Roudebush). 2001;184:1064-5 (Residents' papers)
- Platelet count**  
A prospective, randomized trial comparing the efficacy of dexamethasone and betamethasone for the treatment of antepartum HELLP (hemolysis, elevated liver enzymes, and low platelet count) syndrome (Isler et al). 2001;184:1332-9  
The utility of umbilical artery Doppler investigation in women with the HELLP (hemolysis, elevated liver enzymes, and low platelets) syndrome (Bush et al). 2001;184:1087-9 (Residents' papers)
- Platelets; see Blood platelets**
- Policies**  
Access to services at assisted reproductive technology clinics: a survey of policies and practices (Stern et al). 2001;184:591-7
- Polycystic ovary syndrome**  
Relationship of the metabolic syndrome and obesity to polycystic ovary syndrome: a controlled, population-based study (Korhonen et al). 2001;184:289-96
- Polyglactin 910**  
Prospective randomized trial of polyglactin 910 mesh to prevent recurrence of cystoceles and rectoceles (Sand et al). 2001;184:1357-64
- Polyhydramnios**  
Enhancement of amniotic cyclooxygenase type 2 activity in women with preterm delivery associated with twins or polyhydramnios (Leguizamón et al). 2001;184:117-22  
Increased urinary flow without development of polyhydramnios in response to prolonged hypoxia in the ovine fetus (Matsumoto et al). 2001;184:1008-14
- Polymorphism; see Genetics**
- Polyps**  
Role of hysteroscopy in detection and extraction of endometrial polyps: results of a prospective study (Gebauer et al). 2001;184:59-63
- Porphyrins**  
Peritoneal endometriosis detection (Malik et al) (Letter); (Hillemanns et al) (Reply). 2001;184:1046-7
- Postmenopause; see Menopause**
- Postoperative care**  
A retrospective study of the effect of postoperative indomethacin rectal suppositories on the need for narcotic analgesia in patients who had a cesarean delivery while they were under regional anesthesia (Ambrose). 2001;184:1544-8
- Postoperative complications**  
Prevention, diagnosis, and treatment of venous thromboembolic complications of gynecologic surgery (Davis). 2001;184:759-75 (AJOG reviews)  
Prospective analysis of a fever evaluation algorithm after major gynecologic surgery (Schwandt et al). 2001;184:1066-7 (Residents' papers)
- Postpartum complications**  
Postoperative morbidity associated with cesarean delivery among human immunodeficiency virus-seropositive women (Rodriguez et al). 2001;184:1108-11 (Residents' papers)  
Trends in operative vaginal delivery rates and associated maternal complication rates in an inner-city hospital (Kabiru et al). 2001;184:1112-4 (Residents' papers)
- Postpartum hemorrhage**  
Delayed postpartum hemorrhage: a rare presentation of carbon monoxide poisoning (Ramsey et al). 2001;184:243-4
- Poverty**  
Inaccurate statements about sexually transmitted infections (Delvaux et al) (Letter); (McIlhaney) (Reply). 2001;184:1308-9
- Preeclampsia**  
Angiotensinogen and endothelial nitric oxide synthase gene polymorphisms among Hispanic patients with preeclampsia (Bashford et al). 2001;184:1345-51  
Antiphospholipid antibodies in women at risk for preeclampsia (Branch et al). 2001;184:825-34  
An Australian twin study of the genetic basis of preeclampsia and eclampsia (Treloar et al). 2001;184:374-81  
Comparison of vagal baroreflex function in nonpregnant women and in women with normal pregnancy, preeclampsia, or gestational hypertension (Silver et al). 2001;184:1189-95  
Conditioned medium from hypoxic cytotrophoblasts alters arterial function (Gratton et al). 2001;184:984-90  
Dilutional hyponatremia in preeclampsia with and without nephrotic syndrome (Magriples et al). 2001;184:231-2  
Elevation in erythroblast count in maternal blood before the onset of preeclampsia (Holzgreve et al). 2001;184:165-8  
Elevation of both maternal and fetal extracellular circulating deoxyribonucleic acid concentrations in the plasma of pregnant women with preeclampsia (Zhong et al). 2001;184:414-9  
Genetic susceptibility to preeclampsia: roles of cytosine-to-thymine substitution at nucleotide 677 of the gene for methylenetetrahydrofolate reductase, 68-base pair insertion at nucleotide 844 of the gene for cystathionine  $\beta$ -synthase, and factor V Leiden mutation (Kim et al). 2001;184:1211-7  
Increased placental apoptosis in pregnancies complicated by preeclampsia (Leung et al). 2001;184:1249-50  
Inducible change in the behavior of resistance arteries from circulating factor in preeclampsia: an effect specific to myometrial vessels from pregnant women (Hayman et al). 2001;184:420-6  
Lack of association of severe preeclampsia with maternal and fetal mutant alleles for tumor necrosis factor  $\alpha$  and lymphotoxin  $\alpha$  genes and plasma tumor necrosis factor  $\alpha$  levels (Livingston et al). 2001;184:1273-7  
Low maternal serum levels of placenta growth factor as an antecedent of clinical preeclampsia (Tidwell et al). 2001;184:1267-72  
Marked variation in responses to long-term nitric oxide inhibition during pregnancy in outbred rats from two different colonies (Buhimschi et al). 2001;184:686-93  
Mild gestational hypertension remote from term: progression and outcome (Barton et al). 2001;184:979-83  
Mutations in the gene for methylenetetrahydrofolate reductase, homocysteine levels, and vitamin status in women with a history of preeclampsia (Lachmeijer et al). 2001;184:394-402

**Preeclampsia—cont'd**

- Nutrient intake and hypertensive disorders of pregnancy: evidence from a large prospective cohort (Morris et al). 2001;184:643-51
- Placenta growth factor is not an early marker for the development of severe preeclampsia (Livingston et al). 2001;184:1218-20
- The preliminary characterization of a vasoactive circulating factor(s) in preeclampsia (Hayman et al). 2001;184:1196-203
- Questions about preeclampsia outcome predictors (Seguin) (Letter); (Witlin) (Reply). 2001;184:783
- Vasoactive mediator release by fetal endothelial cells in intrauterine growth restriction and preeclampsia (Parra et al). 2001;184:497-502

**Pregnancy**

- Anergy during pregnancy (Jackson and Murtha). 2001;184:1090-2 (Residents' papers)
- Comparison of vagal baroreflex function in nonpregnant women and in women with normal pregnancy, preeclampsia, or gestational hypertension (Silver et al). 2001;184:1189-95
- Platelet-activating factor improves intrauterine insemination outcome (Wild and Roudebush). 2001;184:1064-5 (Residents' papers)
- Recreational exercise and occupational activity during pregnancy and birth weight: a case-control study (Campbell and Mottola). 2001;184:403-8

**Pregnancy, ectopic**

- Evaluation of leukemia inhibitory factor as a marker of ectopic pregnancy (Wegner and Mershon). 2001;184:1074-6 (Residents' papers)

**Pregnancy, multiple**

- An Australian twin study of the genetic basis of preeclampsia and eclampsia (Treloar et al). 2001;184:374-81
- Enhancement of amniotic cyclooxygenase type 2 activity in women with preterm delivery associated with twins or polyhydramnios (Leguizamón et al). 2001;184:117-22
- Fetal reduction procedures for triplets (Jenkins et al) (Letter); (Leondires and Scott) (Reply). 2001;184:1040-3
- Multiple gestations in assisted reproductive technology: can they be avoided with blastocyst transfers? (Gorrill et al). 2001;184:1471-727
- Perinatal mortality and neonatal morbidity rates among twin pairs at different gestational ages: optimal delivery timing at 37 to 38 weeks' gestation (Hartley et al). 2001;184:451-8
- Triplets: outcomes of expectant management versus multifetal reduction for 127 pregnancies (Evans et al) (Letter); (Leondires and Scott) (Reply). 2001;184:1041-3
- Twin birth weight discordance and spontaneous versus indicated preterm birth (Witter) (Letter); (Cooperstock) (Reply). 2001;184:1040
- Twin discordance and indicated preterm birth (Iffy) (Letter); (Cooperstock) (Reply). 2001;184:1040

**Pregnancy, physiology**

- Amniotic fluid concentrations of matrix metalloproteinase 9 and tissue inhibitor of metalloproteinase 1 during pregnancy and labor (Locksmith et al). 2001;184:159-64
- Changes in rates of salivary estradiol increases before parturition at term (Hedriana et al). 2001;184:123-30
- Coagulation activation markers do not correlate with the clinical risk of thrombosis in pregnant women (Bombeli et al). 2001;184:382-9
- Elevation of both maternal and fetal extracellular circulating deoxyribonucleic acid concentrations in the plasma of pregnant women with preeclampsia (Zhong et al). 2001;184:414-9
- Inducible change in the behavior of resistance arteries from circulating factor in preeclampsia: an effect specific to myometrial vessels from pregnant women (Hayman et al). 2001;184:420-6
- Marked variation in responses to long-term nitric oxide inhibition during pregnancy in outbred rats from two different colonies (Buhimschi et al). 2001;184:686-93

The preliminary characterization of a vasoactive circulating factor(s) in preeclampsia (Hayman et al). 2001;184:1196-203

Quantification of immunoglobulins and cytokines in human cervical mucus during each trimester of pregnancy (Kutteh and Franklin). 2001;184:865-74

**Pregnancy, prolonged**

- The impact of maternal ketonuria on fetal test results in the setting of postterm pregnancy (Onyeije and Divon). 2001;184:713-8
- Temporal changes in rates and reasons for medical induction of term labor, 1980-1996 (Yawn et al). 2001;184:611-9

**Pregnancy complications**

- Cervical cerclage in the second trimester of pregnancy: a historical cohort study (Novy et al). 2001;184:1447-56
- Do antenatal corticosteroids help in the setting of preterm rupture of membranes? (Harding et al). 2001;184:131-9
- Does cervical cerclage prevent preterm delivery in patients with a short cervix? (Hassan et al). 2001;184:1325-31
- Early transvaginal ultrasonography versus early cerclage in women with an unclear history of incompetent cervix (Kelly et al). 2001;184:1097-9 (Residents' papers)
- Effect of fetal hyperinsulinism on oral glucose tolerance test results in patients with gestational diabetes mellitus (Weiss et al). 2001;184:470-5
- Gestational diabetes mellitus and congenital malformations (Kalter) (Letter); (Kjos et al) (Reply); (Bartha et al) (Reply). 2001;184:246-8
- Maternal asthma and pregnancy outcomes: a retrospective cohort study (Liu et al). 2001;184:90-6
- Maternal weight, pregnancy weight gain, and the risk of antepartum stillbirth (Stephansson et al). 2001;184:463-9
- Perinatal outcomes in gestational diabetes: a comparison of criteria for diagnosis (Pennison and Egerman). 2001;184:1118-21 (Residents' papers)
- Placental glucose transport in gestational diabetes mellitus (Jansson et al). 2001;184:111-6
- Postpartum metabolism and autoantibody markers in women with gestational diabetes mellitus diagnosed in early pregnancy (Bartha et al). 2001;184:965-70
- The prediction and prevention of intrapartum fetal asphyxia in term pregnancies (Low et al). 2001;184:724-30
- Reversible acute renal failure in association with bilateral ureteral obstruction and hydronephrosis in pregnancy (Khanna and Nguyen). 2001;184:239-40
- Screening for substance use in pregnancy: a practical approach for the primary care physician (Chasnoff et al). 2001;184:752-8 (Office practice)
- The use of helical computed tomography in pregnancy for the diagnosis of acute appendicitis (Castro et al). 2001;184:954-7
- Vaginal birth after cesarean among women with gestational diabetes (Coleman et al). 2001;184:1104-7 (Residents' papers)
- When stress happens matters: effects of earthquake timing on stress responsivity in pregnancy (Glynn et al). 2001;184:637-42
- Pregnancy complications, cardiovascular**
- Cardiopulmonary bypass support for emergency cesarean delivery in a patient with severe pulmonary hypertension (Penning et al). 2001;184:225-6
- Cesarean delivery rate among women with severe hypertensive disease—possible reduction with epidural anesthesia? (Kenyon and Shennan) (Letter); (Hogg and Hauth) (Reply). 2001;184:514
- A comparison of echocardiography and pulmonary artery catheterization for evaluation of pulmonary artery pressures in pregnant patients with suspected pulmonary hypertension (Penning et al). 2001;184:1568-70
- Marked variation in responses to long-term nitric oxide inhibition during pregnancy in outbred rats from two different colonies (Buhimschi et al). 2001;184:686-93



- Maternal plasma vascular endothelial growth factor concentrations in normal and hypertensive pregnancies and their relationship to peripheral vascular resistance (Bosio et al). 2001;184:146-52
- Mild gestational hypertension remote from term: progression and outcome (Barton et al). 2001;184:979-83
- Nutrient intake and hypertensive disorders of pregnancy: evidence from a large prospective cohort (Morris et al). 2001;184:643-51

#### **Pregnancy complications, hematologic**

- Efficacy and safety of intravenously administered iron sucrose with and without adjuvant recombinant human erythropoietin for the treatment of resistant iron-deficiency anemia during pregnancy (Breyman et al). 2001;184:662-7
- Maternal and fetal outcomes in pregnancies affected by von Willebrand disease type 2 (Burlingame et al). 2001;184:229-30
- Obstetric significance of anti-Jr<sup>a</sup> antibody (Bellver-Pradas et al). 2001;184:75-6
- Pregnancy after avascular necrosis of the femur complicating Gaucher's disease (Cleary et al). 2001;184:233-4
- Risk factors for deep vein thrombosis and pulmonary embolism during pregnancy or post partum: a population-based, case-control study (Danilenko-Dixon et al). 2001;184:104-10
- Sickle cell disease in pregnancy: twenty years of experience at Grady Memorial Hospital, Atlanta, Georgia (Sun et al). 2001;184:1127-30 (Residents' papers)
- Spontaneous rupture of a utero-ovarian vein during pregnancy (Vellekoop et al). 2001;184:241-2

#### **Pregnancy complications, infectious**

- Association between colonization with group B streptococci during pregnancy and preterm delivery among Danish women (Feikin et al). 2001;184:427-33
- The effectiveness of risk-based intrapartum chemoprophylaxis for the prevention of early-onset neonatal group B streptococcal disease (Lin et al). 2001;184:1204-10
- Global approach to human immunodeficiency virus-infected pregnant women: experience at the Catholic University of the Sacred Heart, Rome, Italy (Visconti et al) (Letter); (Kass et al) (Reply). 2001;184:516-7
- Maternal-fetal transfer and amniotic fluid accumulation of lamivudine in human immunodeficiency virus-infected pregnant women (Mandelbrot et al). 2001;184:153-8
- Postoperative morbidity associated with cesarean delivery among human immunodeficiency virus-seropositive women (Rodriguez et al). 2001;184:1108-11 (Residents' papers)
- The presence of hepatitis B surface antigen and deoxyribonucleic acid in amniotic fluid and cord blood (Towers et al). 2001;184:1514-20
- A randomized controlled trial comparing amoxicillin and azithromycin for the treatment of *Chlamydia trachomatis* in pregnancy (Jacobson et al). 2001;184:1352-6
- The relationship of pregnancy to the use of highly active antiretroviral therapy (Minkoff et al). 2001;184:1221-7
- Self-reported zidovudine adherence among pregnant women with human immunodeficiency virus infection in four US states (Wilson et al). 2001;184:1235-40
- Use of cephalosporins during pregnancy and in the presence of congenital abnormalities: a population-based, case-control study (Czeizel et al). 2001;184:1289-96

#### **Pregnancy complications, neoplastic**

- Expression of human telomerase reverse transcriptase, the catalytic subunit of telomerase, is associated with the development of persistent disease in complete hydatidiform moles (Amezcuca et al). 2001;184:xx23
- Obstetrical deliveries associated with maternal malignancy in California 1992 through 1997 (Smith et al). 2001;184:1504-13
- Renal biopsy and pregnancy (Kuller et al). 2001;184:1093-6 (Residents' papers)

#### **Pregnancy maintenance**

- Cervical cerclage in the second trimester of pregnancy: a historical cohort study (Novy et al). 2001;184:1447-56
- Does cervical cerclage prevent preterm delivery in patients with a short cervix? (Hassan et al). 2001;184:1325-31
- Early transvaginal ultrasonography versus early cerclage in women with an unclear history of incompetent cervix (Kelly et al). 2001;184:1097-9 (Residents' papers)

#### **Pregnancy outcome**

- The association of abnormal  $\alpha$ -fetoprotein and adverse pregnancy outcome: does increased fetal surveillance affect pregnancy outcome? (Huerta-Enochian et al). 2001;184:1549-55
- The effect of multidose antenatal betamethasone on maternal and infant outcomes (Thorp et al). 2001;184:196-202
- Impaired glucose tolerance associated with adverse pregnancy outcome: a population-based study in southern Sweden (Åberg et al). 2001;184:77-83
- Improvement in outcomes of multifetal pregnancy reduction with increased experience (Evans et al). 2001;184:97-103
- Maternal and fetal outcomes in pregnancies affected by von Willebrand disease type 2 (Burlingame et al). 2001;184:229-30
- Maternal and neonatal outcomes after uterine rupture in labor (Yap et al). 2001;184:xx41
- Maternal asthma and pregnancy outcomes: a retrospective cohort study (Liu et al). 2001;184:90-6
- Outcomes among term infants when two-hour postnatal pH is compared with pH at delivery (Casey et al). 2001;184:447-50
- Perinatal outcomes in gestational diabetes: a comparison of criteria for diagnosis (Pennison and Egerman). 2001;184:1118-21 (Residents' papers)
- Pregnancy outcome in women with preterm labor symptoms without cervical change (Rinehart et al). 2001;184:1004-7
- Questions about preeclampsia outcome predictors (Seguin) (Letter); (Witlin) (Reply). 2001;184:783
- Vaginal birth after cesarean among women with gestational diabetes (Coleman et al). 2001;184:1104-7 (Residents' papers)
- When stress happens matters: effects of earthquake timing on stress responsivity in pregnancy (Glynn et al). 2001;184:637-42

#### **Pregnancy trimester, first**

- Comparison of pain and time of procedures with two first-trimester abortion techniques performed by residents and faculty (Edelman et al). 2001;184:1564-7
- Postpartum metabolism and autoantibody markers in women with gestational diabetes mellitus diagnosed in early pregnancy (Bartha et al). 2001;184:965-70

#### **Pregnancy trimester, second**

- Association between raised serum relaxin levels during the eighteenth gestational week and very preterm delivery (Vogel et al). 2001;184:390-3
- Cervical cerclage in the second trimester of pregnancy: a historical cohort study (Novy et al). 2001;184:1447-56
- Fetal loss rate associated with cordocentesis at midgestation (Tongsong et al). 2001;184:719-23
- Laminaria versus extra-amniotic saline solution infusion for cervical ripening in second-trimester labor inductions (Hogg and Owen). 2001;184:1145-8

#### **Pregnancy trimester, third**

- Antibiotic resistance patterns of group B streptococci in late third-trimester rectovaginal cultures (Bland et al). 2001;184:1125-6 (Residents' papers)
- Perinatal mortality and neonatal morbidity rates among twin pairs at different gestational ages: optimal delivery timing at 37 to 38 weeks' gestation (Hartley et al). 2001;184:451-8
- Role of angiotensin II in altered baroreflex function of conscious rabbits during late pregnancy (Brooks et al). 2001;184:476-82

**Prenatal care**

- Comparative use and knowledge of preconceptional folic acid among Spanish- and English-speaking patient populations in Phoenix and Yuma, Arizona (Perlow). 2001;184:1263-6
- The Preterm Prediction Study: can low-risk women destined for spontaneous preterm birth be identified? (Iams et al). 2001;184:652-5

**Prenatal diagnosis**

- Investigation of the epidemiology and prenatal diagnosis of holoprosencephaly in the North of England (Bullen et al). 2001;184:1256-62
- Obstetric ultrasonographic findings and fetal chromosomal abnormalities: refining the association (Ott and Taysi). 2001;184:1414-21
- Obstetrician-gynecologists performing genetic amniocentesis may be misleading themselves and their patients (Blessed et al). 2001;184:1340-4
- Ratio of nuchal thickness to humerus length for Down syndrome detection (Bahado-Singh et al). 2001;184:1284-8

**Prenatal monitoring; see Fetal monitoring****Presidential address**

- Presidential address. 2001;184:1313, 1313-9, 1436, 1436-40

**Preterm delivery; see Labor, premature****Preterm Prediction Study**

- The Preterm Prediction Study: association between cervical interleukin 6 concentration and spontaneous preterm birth (Goepfert et al). 2001;184:483-8
- The Preterm Prediction Study: can low-risk women destined for spontaneous preterm birth be identified? (Iams et al). 2001;184:652-5

**Preterm rupture of fetal membranes; see Fetal membranes, premature rupture****Professional competence**

- Testing surgical skills of obstetric and gynecologic residents in a bench laboratory setting: validity and reliability (Lentz et al). 2001;184:1462-70

**Progestational hormones**

- Estrogens, progestins, selective estrogen receptor modulators, and the arterial tree (Wild and Reis). 2001;184:1031-9 (AJOG reviews)
- Regulation of plasminogen activator inhibitor 1 expression by interaction of epidermal growth factor with progestin during decidualization of human endometrial stromal cells (Lockwood). 2001;184:798-805

**Progesterone**

- Molecular tools to reestablish progestin control of endometrial cancer cell proliferation (Dai et al). 2001;184:790-7
- Proliferative effects of combination estrogen and progesterone replacement therapy on the normal postmenopausal mammary gland in a murine model (Raafat et al). 2001;184:340-9

**Prognosis**

- Prognostic factors of patients with yolk sac tumors of the ovary (Nawa et al). 2001;184:1182-8

**Prophylaxis**

- The effectiveness of risk-based intrapartum chemoprophylaxis for the prevention of early-onset neonatal group B streptococcal disease (Lin et al). 2001;184:1204-10
- Prophylactic use of antibiotics for nonlaboring patients undergoing cesarean delivery with intact membranes: a meta-analysis (Chel-mow et al). 2001;184:656-61

**Prostaglandin-endoperoxide synthase**

- Enhancement of amniotic cyclooxygenase type 2 activity in women with preterm delivery associated with twins or polyhydramnios (Leguizamón et al). 2001;184:117-22
- Prostaglandin endoperoxide H synthase type 1 and type 2 messenger ribonucleic acid in human fetal tissues throughout gestation and in the newborn infant (Olson et al). 2001;184:169-74

**Prostaglandins**

- Effect of lipopolysaccharide on uterine contractions and prostaglandin production in pregnant rats (Okawa et al). 2001;184:84-9

**Proteins**

- Characterization of the biologic activities of a recombinant human zona pellucida protein 3 expressed in human ovarian teratocarcinoma (PA-1) cells (Dong et al). 2001;184:835-44
- Fetal protein loss in gastroschisis as an explanation of associated morbidity (Carroll et al). 2001;184:1297-301

**Proteinuria**

- Mild gestational hypertension remote from term: progression and outcome (Barton et al). 2001;184:979-83

**Proteoglycans**

- Proteoglycans and hyaluronan in human fetal membranes (Meinert et al). 2001;184:679-85

**Protirelin**

- Identification of a silent pituitary somatotrophic adenoma based on a paradoxical response of growth hormone on a thyrotropin-releasing hormone or gonadotropin-releasing hormone provocation test (Matsuno et al). 2001;184:286-8

**Psychiatric disorders; see Mental disorders****Puerperium**

- Postpartum sexual functioning and its relationship to perineal trauma: a retrospective cohort study of primiparous women (Signorello et al). 2001;184:881-90
- Risk factors for deep vein thrombosis and pulmonary embolism during pregnancy or post partum: a population-based, case-control study (Danilenko-Dixon et al). 2001;184:104-10

**Pulmonary artery**

- A comparison of echocardiography and pulmonary artery catheterization for evaluation of pulmonary artery pressures in pregnant patients with suspected pulmonary hypertension (Penning et al). 2001;184:1568-70

**Pulmonary embolism**

- A low-molecular-weight heparin preparation contraindicated during pregnancy (Moll). 2001;184:1046 (Letter)
- Prevention, diagnosis, and treatment of venous thromboembolic complications of gynecologic surgery (Davis). 2001;184:759-75 (AJOG reviews)
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- Effects of pubovaginal sling procedure on patients with urethral hypermobility and intrinsic sphincteric deficiency: would they do it again? (Richter et al). 2001;184:14-9

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- Recreational exercise; see Exercise**
- Rectal diseases**  
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**Serology**

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**Silver staining**

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**Sodium chloride**

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**Somatomedins**

Changes in profiles of circulating insulin-like growth factor components during hormone replacement therapy according to the re-

sponsiveness to therapy in postmenopausal women (Kim and Lee). 2001;184:1139-44

**Somatotropin**

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Association between colonization with group B streptococci during pregnancy and preterm delivery among Danish women (Feikin et al). 2001;184:427-33

The effectiveness of risk-based intrapartum chemoprophylaxis for the prevention of early-onset neonatal group B streptococcal disease (Lin et al). 2001;184:1204-10

Introduction of the new Centers for Disease Control and Prevention group B streptococcal prevention guideline at a large West Coast health maintenance organization (Davis et al). 2001;184:603-10

**Stress**

Occupational fatigue and preterm premature rupture of membranes (Newman et al). 2001;184:438-46

When stress happens matters: effects of earthquake timing on stress responsivity in pregnancy (Glynn et al). 2001;184:637-42

**Stress urinary incontinence; see Urinary incontinence, stress****Stromal cells**

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Screening for substance use in pregnancy: a practical approach for the primary care physician (Chasnoff et al). 2001;184:752-8 (Office practice)

**Sucrose**

Efficacy and safety of intravenously administered iron sucrose with and without adjuvant recombinant human erythropoietin for the treatment of resistant iron-deficiency anemia during pregnancy (Breyman et al). 2001;184:662-7

**Suppositories**

A retrospective study of the effect of postoperative indomethacin rectal suppositories on the need for narcotic analgesia in patients who had a cesarean delivery while they were under regional anesthesia (Ambrose). 2001;184:1544-8

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- Prevention, diagnosis, and treatment of venous thromboembolic complications of gynecologic surgery (Davis). 2001;184:759-75 (AJOG reviews)
- Prospective analysis of a fever evaluation algorithm after major gynecologic surgery (Schwandt et al). 2001;184:1066-7 (Residents' papers)
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- Impaired glucose tolerance associated with adverse pregnancy outcome: a population-based study in southern Sweden (Åberg et al). 2001;184:77-83
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- Effects of 15 months of 17 $\beta$ -estradiol and dydrogesterone on systolic cardiac function according to quantitative and Doppler echocardiography in healthy postmenopausal women (Kessel et al). 2001;184:910-6
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- Telomerase**
- Expression of human telomerase reverse transcriptase, the catalytic subunit of telomerase, is associated with the development of persistent disease in complete hydatidiform moles (Amezcu et al). 2001;184:1441-6
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- Thrombophlebitis**
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- Prevention, diagnosis, and treatment of venous thromboembolic complications of gynecologic surgery (Davis). 2001;184:759-75 (AJOG reviews)

## Thrombosis

- Coagulation activation markers do not correlate with the clinical risk of thrombosis in pregnant women (Bombeli et al). 2001;184:382-9
- Risk factors for deep vein thrombosis and pulmonary embolism during pregnancy or post partum: a population-based, case-control study (Danilenko-Dixon et al). 2001;184:104-10

## Thymine

- Genetic susceptibility to preeclampsia: roles of cytosine-to-thymine substitution at nucleotide 677 of the gene for methylenetetrahydrofolate reductase, 68-base pair insertion at nucleotide 844 of the gene for cystathionine  $\beta$ -synthase, and factor V Leiden mutation (Kim et al). 2001;184:1211-7

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## Tibolone

- Hemodynamic response to tibolone in reproductive and nonreproductive tissues in the sheep (Zoma et al). 2001;184:544-51

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- Comparison of pain and time of procedures with two first-trimester abortion techniques performed by residents and faculty (Edelman et al). 2001;184:1564-7

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- The controversy surrounding indomethacin for tocolysis (Macones et al). 2001;184:264-72 (Clin. opinion)
- The great tocolytic debate: some pitfalls in the study of safety (Rosen et al). 2001;184:1-7 (Clin. opinion)

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- The use of helical computed tomography in pregnancy for the diagnosis of acute appendicitis (Castro et al). 2001;184:954-7

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- Confirmatory serologic testing for acute toxoplasmosis and rate of induced abortions among women reported to have positive *Toxoplasma* immunoglobulin M antibody titers (Liesenfeld et al). 2001;184:140-5

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- Is vaginal birth after cesarean safe? Experience at a community hospital (Blanchette et al). 2001;184:1478-87
- Predicting outcomes of trials of labor in women attempting vaginal birth after cesarean delivery: a comparison of multivariate methods with neural networks (Macones et al). 2001;184:409-13
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## Triplets

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**Tuberculosis, peritoneal**

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**Tumor necrosis factor**

The effects of intrapartum magnesium sulfate therapy on fetal serum interleukin  $1\beta$ , interleukin 6, and tumor necrosis factor  $\alpha$  at delivery: a randomized, placebo-controlled trial (Blackwell et al). 2001;184:1320-4

Lack of association of severe preeclampsia with maternal and fetal mutant alleles for tumor necrosis factor  $\alpha$  and lymphotoxin  $\alpha$  genes and plasma tumor necrosis factor  $\alpha$  levels (Livingston et al). 2001;184:1273-7

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Expressions of proliferation markers (Ki-67, proliferating cell nuclear antigen, and silver-staining nucleolar organizer regions) and of p53 tumor protein in gestational trophoblastic disease (Kale et al). 2001;184:567-74

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An Australian twin study of the genetic basis of preeclampsia and eclampsia (Treloar et al). 2001;184:374-81

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Perinatal mortality and neonatal morbidity rates among twin pairs at different gestational ages: optimal delivery timing at 37 to 38 weeks' gestation (Hartley et al). 2001;184:451-8

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Obstetric ultrasonographic findings and fetal chromosomal abnormalities: refining the association (Ott and Taysi). 2001;184:1414-21

The Preterm Prediction Study: can low-risk women destined for spontaneous preterm birth be identified? (Iams et al). 2001;184:652-5

Ratio of nuchal thickness to humerus length for Down syndrome detection (Bahado-Singh et al). 2001;184:1284-8

Ultrasonographic investigations of flow patterns in the perfused human placenta (Abramowicz and Miller) (Letter); (Denbow et al) (Reply). 2001;184:518-9

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**Umbilical arteries**

The utility of umbilical artery Doppler investigation in women with the HELLP (hemolysis, elevated liver enzymes, and low platelets) syndrome (Bush et al). 2001;184:1087-9 (Residents' papers)

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ST waveform changes during repeated umbilical cord occlusions in near-term fetal sheep (Westgate et al). 2001;184:743-51

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Ovarian remnant excision necessitating resection of the anterior hypogastric system (Unger and Paul). 2001;184:235-6

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The second stage of labor and stress urinary incontinence (Van Kessel et al). 2001;184:1571-5

Which women with stress incontinence require urodynamic evaluation? (Weidner et al). 2001;184:20-7

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## Uterine contraction

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## Uterine hemorrhage

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Uterine artery embolization for the treatment of uterine fibroids: an outpatient procedure (Klein and Schwartz). 2001;184:1556-63

## Uterine prolapse

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## Uterine rupture

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## Uterus

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Trends in operative vaginal delivery rates and associated maternal complication rates in an inner-city hospital (Kabiru et al). 2001;184:1112-4 (Residents' papers)

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## Vaginal birth after cesarean

Failed vaginal birth after a cesarean section: how risky is it? I. Maternal morbidity (Hibbard et al). 2001;184:1365-73

Is vaginal birth after cesarean safe? Experience at a community hospital (Blanchette et al). 2001;184:1478-87

Obstetrics for the new millennium (Goodlin). 2001;184:250 (Letter)

Predicting outcomes of trials of labor in women attempting vaginal birth after cesarean delivery: a comparison of multivariate methods with neural networks (Macones et al). 2001;184:409-13

Using active management of labor and vaginal birth after previous cesarean delivery to lower cesarean delivery rates: a 10-year experience (Naiden and Deshpande). 2001;184:1535-43

Vaginal birth after cesarean: to induce or not to induce (Sims et al). 2001;184:1122-4 (Residents' papers)

Vaginal birth after cesarean among women with gestational diabetes (Coleman et al). 2001;184:1104-7 (Residents' papers)

Vaginal birth after cesarean delivery? (Rabinerson et al). 2001;184:780 (Letter)

## Vaginal hysterectomy; see Hysterectomy, vaginal

## Vaginal smears

Clinical evaluation of atypical glandular cells of undetermined significance (Geier et al). 2001;184:64-9

Loop excision in cases of atypical glandular cells found on routine cervical cytologic testing (Hall) (Letter); (Chin) (Reply). 2001;184:1043

## Vaginitis

We, specialists in vulvovaginitis (Donders) (Letter); (Wiesenfeld and Macio) (Reply). 2001;184:248-9

## Vaginosis, bacterial

Predictors of the vaginal microflora (Newton et al). 2001;184:845-55

## Validity of results; see Reproducibility of results

## Valsalva's maneuver

Comparison of vagal baroreflex function in nonpregnant women and in women with normal pregnancy, preeclampsia, or gestational hypertension (Silver et al). 2001;184:1189-95

## Vascular endothelium; see Endothelium, vascular

## Vascular resistance

Maternal plasma vascular endothelial growth factor concentrations in normal and hypertensive pregnancies and their relationship to peripheral vascular resistance (Bosio et al). 2001;184:146-52

Transdermal estrogen reduces vascular resistance and serum cholesterol in postmenopausal women (West et al). 2001;184:926-33

**Vasoconstriction**

Developmental changes in reactivity of small femoral arteries in the fetal and postnatal baboon (Anwar et al). 2001;184:707-12

**Vasodilation**

Developmental changes in reactivity of small femoral arteries in the fetal and postnatal baboon (Anwar et al). 2001;184:707-12

**Veins**

Risk factors for deep vein thrombosis and pulmonary embolism during pregnancy or post partum: a population-based, case-control study (Danilenko-Dixon et al). 2001;184:104-10

Spontaneous rupture of a utero-ovarian vein during pregnancy (Vellekoop et al). 2001;184:241-2

**Velocity, blood; see Blood flow velocity****Venous thromboembolic events; see Pulmonary embolism; Thrombophlebitis****Virtues; see Social values****Vitamin B12**

Preconceptional intake of folate and vitamin B<sub>12</sub> in the prevention of neural tube defects and Down syndrome (Palekar). 2001;184:517 (Letter)

**Vitamins**

Mutations in the gene for methylenetetrahydrofolate reductase, homocysteine levels, and vitamin status in women with a history of preeclampsia (Lachmeijer et al). 2001;184:394-402

**von Willebrand's disease**

Maternal and fetal outcomes in pregnancies affected by von Willebrand disease type 2 (Burlingame et al). 2001;184:229-30

**Vulvar diseases**

"Primary" versus "secondary" vulvar vestibulitis: one disease, two variants (Bornstein et al). 2001;184:28-31

**Vulvovaginal candidiasis; see Candidiasis, vulvovaginal****W****Weight gain**

Maternal weight, pregnancy weight gain, and the risk of antepartum stillbirth (Stephansson et al). 2001;184:463-9

**White women**

A comparison of urinary incontinence among African American, Asian, Hispanic, and white women (Duong and Korn). 2001;184:1083-6 (Residents' papers)

**Wounds and injuries**

Postpartum sexual functioning and its relationship to perineal trauma: a retrospective cohort study of primiparous women (Signorello et al). 2001;184:881-90

**Y****Yolk sac tumor; see Mesonephroma****Z****Zidovudine**

Self-reported zidovudine adherence among pregnant women with human immunodeficiency virus infection in four US states (Wilson et al). 2001;184:1235-40

**Zollinger-Ellison syndrome**

Ovarian gastrinoma in multiple endocrine neoplasia type 1: a case report (Abboud et al). 2001;184:237-8

**Zona pellucida**

Characterization of the biologic activities of a recombinant human zona pellucida protein 3 expressed in human ovarian teratocarcinoma (PA-1) cells (Dong et al). 2001;184:835-44



